



Docket No. 4422J1

1743
#5

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of) Group Art Unit: 1743
Sharaf and Roque-Biewer) Examiner: to be assigned
Serial No.: 09/927,791)
Filed: August 10, 2001)
For: SPECTRAL CALIBRATION OF FLUORESCENT POLYNUCLEOTIDE SEPARATION APPARATUS)
<div style="border: 1px solid black; padding: 10px; width: fit-content; margin: auto;"> <p style="text-align: center;">CERTIFICATE OF MAILING</p> <p>I hereby certify that this correspondence was deposited with the United States Postal Service as class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C.</p> <p><u>December 19, 2001</u> (Date of Deposit)</p> <p><u>Cheri Gomez</u> Name of Depositing Party</p> <p><u>Cheri Gomez</u> Signature of Depositing Party</p> </div>	

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231 on December 19, 2001
 (Date of Deposit)
Cheri Gomez
 Name of Depositing Party
Cheri Gomez
 Signature of Depositing Party

INFORMATION DISCLOSURE STATEMENT

**Assistant Commissioner for Patents
Washington, D.C. 20231**

Sir:

Applicants submit herewith patents, publications or other information (listed on the attached Form PTO-1449) of which they are aware, which may be material to the examination of this application and in respect of which there may be a duty to disclose in accordance with 37 CFR §1.56.

This Information Disclosure Statement:

(a) [] accompanies a new patent application submitted herewith.

(b) [] is filed within three months after the filing date of the application or within three months after the date of entry of the national stage of a PCT application as set forth in 37 CFR § 1.491.

(c) [X] as far as is known to the undersigned, is filed before the mailing date of a first Office action on the merits.

(d) [] as far as is known to the undersigned, is filed before the mailing date of a first Office action after the filing of a request for continued examination under § 1.114.

@PFDesktop\:::ODMA/MHODMA/imanage;29259;1

- (e) [] is filed after the first Office Action and more than three months after the application's filing date or PCT national stage date of entry filing but, as far as is known to the undersigned, prior to the mailing date of either a final action under §1.113, a notice of allowance under §1.311, whichever occurs first, and is accompanied by either the fee (\$180) set forth in 37 CFR §1.17(p) or a certification as specified in 37 CFR §1.97(e), as checked below. Should any fee be due, the U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 01-2213 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement. Any deficiency or overpayment should be charged or credited to this deposit account. A duplicate of this sheet is enclosed.
- (f) [] is filed after the mailing date of either a final rejection or a notice of allowance, but on or before the payment of the issue fee, and is accompanied by the fee (\$180) set forth in 37 CFR §1.17(i)(1) and a certification as specified in 37 CFR §1.97(e), as checked below. **This document is to be considered as a petition requesting consideration of the information disclosure statement.** The U.S. Patent and Trademark Office is hereby authorized to charge Deposit Account No. 01-2213 in the amount of \$180.00 to cover the cost of this Information Disclosure Statement. Any deficiency or overpayment should be charged or credited to this deposit account. A duplicate of this sheet is enclosed.

[If either of boxes (e) or (f) is checked above, the following "certification" under 37 CFR §1.97(e) may need to be completed.] The undersigned certifies that:

- [] Each item of information contained in the information disclosure statement was first cited in a communication mailed from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this information disclosure statement.
- [] No item of information contained in this information disclosure statement was cited in a communication mailed from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this information disclosure statement.

A copy of the items on PTO-1449 is supplied herewith:

[] each [] none [X] only those listed below:

US Patent No. 5,556,790
US Patent No. 5,747,249
WO 96/33406

WO 93/14224

WO97/46963

Connel, *BioTechniques* 5(4):342-344, 346-348 (1987)

Those patent(s) or publication(s) not listed above and listed in the attached PTO-1449 form are not supplied because they were previously cited or submitted to the Office in prior application Serial No. 09/154,178, filed September 16, 1998, and relied upon in this application for an earlier filing date under 35 USC §120.

While the information and references disclosed in this Information Disclosure Statement may be "material" pursuant to 37 CFR §1.56, it is not intended to constitute an admission that any patent, publication or other information referred to therein is "prior art" for this invention unless specifically designated as such.

In accordance with 37 CFR §1.97(g), the filing of this Information Disclosure Statement shall not be construed to mean that a search has been made or that no other material information as defined in 37 CFR §1.56(a) exists. It is submitted that the Information Disclosure Statement is in compliance with 37 CFR §1.98 and MPEP §609 and the Examiner is respectfully requested to consider the listed references.

Respectfully submitted,

Date: Dec. 14, 2001



Jeffery D. Frazier, Reg. No. 34,601
Attorney for Applicants

Correspondence Address

Customer Number 22896
Applied Biosystems Group
PE Corporation (NY)
850 Lincoln Centre Drive
Foster City, CA 94404
(650) 638-6722 (Phone)
(650) 638-6677 (Fax)

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Substitute for Form 149A/PTO JAN 23 2002 INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Comple <i>if Known</i>	
				Application Number	09/927791
				Filing Date	August 10, 2001
				First Named Inventor	Muhammad A. Sharaf
				Group Art Unit	1743
				Examiner Name	to be assigned
Sheet	1	of	2	Attorney Docket No.	44221I

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
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***EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.13). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. 29256-1

<p>Substitute for Form 1449A/PTO</p> <p style="text-align: center;">INFORMATION DISCLOSURE STATEMENT BY APPLICANT</p> <p>(Use as many sheets as necessary)</p>				Complete if Known	
				Application Number	09/927791
				Filing Date	August 10, 2001
				First Named Inventor	Muhammad A. Sharaf
				Group Art Unit	1743
				Examiner Name	to be assigned
				Attorney Docket No.	4422I1
Sheet	2	of	2		

OTHER ART - NON PATENT LITERATURE DOCUMENTS

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Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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